

In the Claims

Please replace all prior versions, and listings, of claims in the application with the following list of claims:

1-59. (Cancelled).

60. (Currently Amended) A method for regulating lysosomal pH, comprising:

modifying lysosomal UCP activity in a cell to regulate lysosomal pH, by contacting the cell with a lysosomal UCP inhibitor that is selected from the group consisting of a lysosomal targeted binding peptide, wherein the lysosomal targeted binding peptide is a UCP antibody and a lysosomal targeted binding molecule.

61. (Original) The method of claim 60, wherein the cell is a T cell.

62. (Original) The method of claim 61, wherein the cell is a neutrophil.

63-75. (Cancelled)